

**WHAT IS CLAIMED IS:**

1        1. A display apparatus having a liquid crystal display (LCD) panel, a panel support  
2 supporting the LCD panel, a front cover disposed in front of the LCD panel, and a rear cover  
3 disposed in the rear of the LCD panel and the panel support and coupled with the front cover, the  
4 display apparatus comprising:

5              at least one coupling extended from a rear surface of the front cover toward the rear cover,  
6 said coupling having a groove formed therein; and

7              at least one rib formed to extend from a skirt of the rear cover for engaging the groove of the  
8 coupling.

1        2. The display apparatus according to claim 1, wherein the couplings are disposed at  
2 four corner portions of the front cover; and the ribs are disposed at four corner portions of the rear  
3 cover.

1        3. The display apparatus according to claim 1, further comprising at least one tool access  
2 hole formed through the rear cover for permitting a tool to be inserted through the rear cover to  
3 disengage the coupling and the rib.

1        4. The display apparatus according to claim 2, further comprising a plurality of tool  
2 access holes disposed at the four corner portions of the rear cover for permitting a tool to be inserted

3 through the rear cover to disengage the couplings and the ribs.

1           5. The display apparatus according to claim 1, further comprising at least a pair of stops  
2 protruding from said rear surface of the front cover so as to be engaged with the panel support, to  
3 prevent the panel support from moving across a plane of the LCD panel.

1           6. The display apparatus according to claim 1, further comprising at least four stops  
2 disposed to be adjacent to four corner portions of the rear surface, and protrude from said rear  
3 surface of the front cover, so as to be engaged with the panel support, to prevent the panel support  
4 from moving across a plane of the LCD panel disposed of the front cover.

1           7. The a display apparatus according to claim 6, wherein a hook is formed at the leading  
2 edge of each stop for engaging an edge of the panel support.

1           8. The display apparatus according to any one of claim 7, further comprising a plurality  
2 of support ribs protruding from the rear cover so as to be contacted with each stop to force the hook  
3 of each stop toward the edge of the panel support to support the engagement of the hook and the  
4 edge of the panel support.

1           9. The display apparatus according to claim 7, wherein the edge of the panel support is  
2 formed with a projection allowing the hook of each stop to overlap the projection to support the

3 engagement of the hook and the edge of the panel support.

1           10. The display apparatus according to claim 1, further comprising a front cover skirt  
2 having a rabbetted edge and a rear cover skirt having a rabbetted edge such that said rabbetted edges  
3 overlap when said front cover and said rear cover are coupled together.

1           11. A display apparatus having a liquid crystal display (LCD) panel, a panel support  
2 supporting the LCD panel, a front cover disposed in front of the LCD panel, and a rear cover  
3 disposed in the rear of the LCD panel and the panel support and coupled with the front cover, the  
4 display apparatus comprising:  
5           at least one coupling extended from a front surface of the rear cover toward the front cover,  
6           said coupling having a groove formed therein; and  
7           at least one rib formed to extend from a skirt of the front cover for engaging the groove of  
8           the coupling.

1           12. The display apparatus according to claim 11, wherein the couplings are disposed at  
2 four corner portions of the rear cover; and the ribs are disposed at four corner portions of the front  
3 cover.

1           13. The display apparatus according to claim 11, further comprising at least one tool  
2 access hole formed through the front cover for permitting a tool to be inserted through the front

3 cover to disengage the coupling and the rib.

1 14. The display apparatus according to claim 12, further comprising a plurality of tool  
2 access holes disposed at the four corner portions of the front cover for permitting a tool to be inserted  
3 through the front cover to disengage the couplings and the ribs.

1 15. The display apparatus according to claim 11, further comprising at least a pair of  
2 stops protruding from a rear surface of the front cover so as to be engaged with the panel support,  
3 to prevent the panel support from moving across a plane of the LCD panel.

1 16. The display apparatus according to claim 11, further comprising at least four stops  
2 disposed to be adjacent to four corner portions of a rear surface, and protrude from said rear surface  
3 of the front cover, so as to be engaged with the panel support, to prevent the panel support from  
4 moving across a plane of the LCD panel disposed of the front cover.

1 17. The a display apparatus according to claim 16, wherein a hook is formed at the  
2 leading edge of each stop for engaging an edge of the panel support.

1 18. The display apparatus according to any one of claim 17, further comprising a plurality  
2 of support ribs protruding from the rear cover so as to be contacted with each stop to force the hook  
3 of each stop toward the edge of the panel support to support the engagement of the hook and the

4 edge of the panel support.

1           19. The display apparatus according to claim 17, wherein the edge of the panel support  
2 is formed with a projection allowing the hook of each stop to overlap the projection to support the  
3 engagement of the hook and the edge of the panel support.

1           20. The display apparatus according to claim 11, further comprising a rear cover skirt  
2 having a rabbetted edge and a rabbetted edge of said skirt of said front cover, wherein said rabbetted  
3 edges overlap when said front cover and said rear cover are coupled together.